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Dated: October 18, 2004

Signature: 

(Jeffrey S. Sharp)

Docket No.: 27656/38365A
(PATENT)

#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ernst HAFEN et al.

Application No.: 10/509,558
(National Phase of PCT/IB03/01257)

Filed: **September 24, 2004**

Art Unit: Not Yet Assigned

For: GROWTH REGULATING PROTEINS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of each reference on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

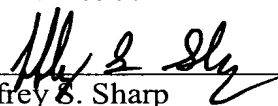
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 27656/38365A. A duplicate copy of this paper is enclosed.

Respectfully submitted,

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October 18, 2004

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/509,558
				Filing Date	September 24, 2004
				First Named Inventor	Ernst Hafen et al.
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	27656/38365A

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A	-WO 02055702	07-18-2002			

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B	Nagase, T. et al., "Prediction of the Coding Sequences of Unidentified Human Genes. V. the Coding Sequences of 40 New Genes (KIAA0161-KIAA0200) Deduced by Analysis of CDNA Clones From Human Cell Line KG-1" DNA Research, Univdrsal Academy Press, JP, Vol. 3, No. 1, 29 February 1996 (1996-02-39) pages 17-24 XP002037754, ISSN: 1340-2838, KIAA0171, Figure 1, Table 1, Table 3.	
	C	DATABASE NCBI 'Online!', 6 October 2001 (2001-10-06) Database Accession No. D79993, SP002245863.	
	D	DATABASE EMBL 'Online!', 15 November 2001 (2001-11-15) Database Accession No. AF434813, XP002245864, Abstract.	
	E	Rosenthal, Julie A. et al., "The epsins define a family of prteins that interact with components of the clathrin coat and contain a new protein module." Journal of Biological Chemistry, Vol. 274, No. 48, 26 November 1999 (1999-11-26), Pages 33959-33965, XP002245872, ISSN: 0021-9258, Figures 1, 2.	
	F	Xu, T. et al., "Identifying tumor suppressors in genetic mosaics: the Drosophila lats gene encodes a putative protein kinase" Development, Company of Biologists, Cambridge, GB, Vol. 121, No. 4, 1995, Pages 1053-1063, XP002103731, ISSN: 0950-1991, Page 1054, Right-hand Column, Paragraph 2, Pagw 1055, Right-Hand Column, Paragraph 3, Figure 2.	
	G	Tao, W. et al., "Human homologue of the Drosophila melanogaster lats tumour suppressor modulates CDC2 activity" Nature Genetics, New York, NY, US, Vol. 21, February 1999 (1999-02), Pages 177-181, XP002103732, ISSN: 1061-4036, Page 178, Left-hand Column, Paragraph 1, Page 179, Left-hand Column, Paragraph 1.	
	H	John M.A.R. et al., "Mice Deficient of LATS1 Develop Soft-Tissue Sarcomas, Ovarian Tumours and Pituitary Dysfunction" Nature Genetics, Nature America, New York, US, Vol. 21, February 1999 (1999-02), Pages 182-186, XP002923457, ISSN: 1061-4036, Abstract, Page 184, Left-hand Column, Paragraph 2, Right-hand Column, Paragraph 1, Page 185, Left-hand Column, Paragraph 2, Right-hand Column, Paragraph 1.	
	I	Eichmuller et al., "The human EMAP-like protein 70 (ELP70) is a microtubule destabilizer that localtes to the mitotic apparatus," Journal of Biolgical Chemistry, Vol. 277, No. 2, January 11, 2002, Pages 1301-1309.	
	J	International Search Report corresponding to International Patent Application Serial No. PCT/IB03/01257, dated September 22, 2003, 7 pages.	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

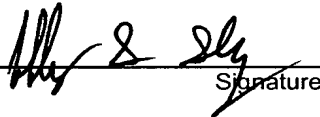
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IDS (Citation) by Applicants